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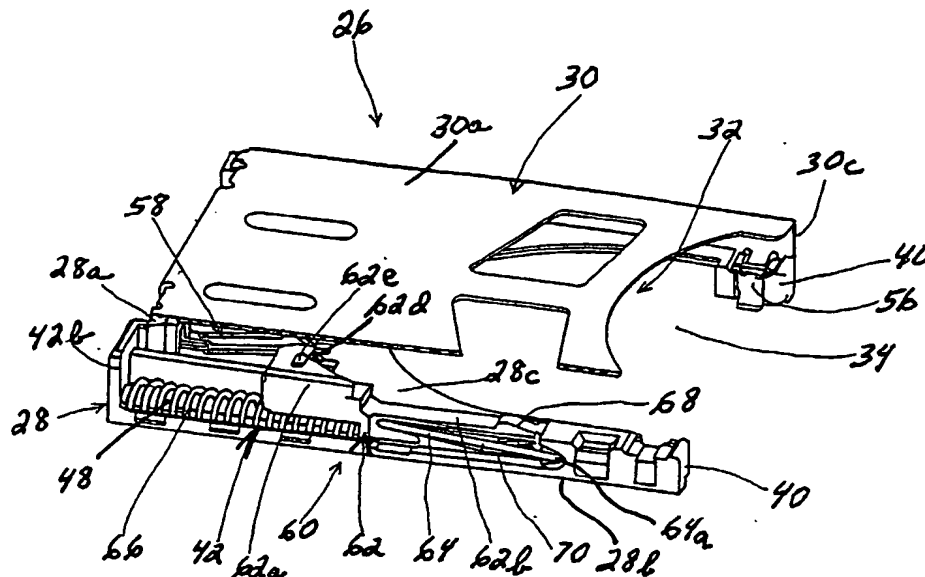
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(54) Title: MEMORY CARD CONNECTOR WITH EJECTOR MECHANISM



(57) Abstract: A memory card connector includes an insulative housing having a rear terminal-mounting section which mounts a plurality of terminals having contact portions for engaging appropriate contacts on a memory card. A metal shell is mounted on the housing and combines therewith to define an interior card-receiving cavity formed by a top plate and opposite side plates of the connector. The cavity has a front insertion opening to permit insertion and withdrawal of the memory card into and out of the connector. The terminal-mounting section of the housing is located at the rear of the cavity. A card ejector mechanism is located at least partially beneath the cavity adjacent one side thereof, whereby the opposite side plates of the metal shell define the opposite sides of the cavity.



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AMENDED CLAIMS

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original claims 1-16 replaced by amended claims 1-4 (1 page)]

1. A memory card connector (26), comprising:
2 an insulative housing (28) having a rear terminal-mounting section (28a) which
mounts a plurality of terminals (58) having contact portions (58e) for engaging appropriate
4 contacts on a memory card (36);
a metal shell (30) mounted on the housing and combining therewith to define an
6 interior card-receiving cavity (32) formed by a top plate (30a) and opposite side plates (30b,30c)
of the metal shell, the cavity having a front insertion opening (34) to permit insertion and
8 withdrawal of the memory card into and out of the connector, with said terminal-mounting section
of the housing being located at the rear of the cavity; and
10 a card ejector mechanism (60) at least partially beneath the cavity adjacent one
side thereof, whereby the opposite side plates (30b,30c) of the metal shell (30) define the opposite
12 sides of the cavity (32) wherein said card ejector mechanism (60) includes a card-engaging slider
(62) movable with the card and having a cam slot (70) in one of an outside face (62c) and a
14 bottom face thereof, and one of the side plates (30b) of the metal shell (30) includes a spring
member (84) for biasing a cam follower pin (64) into the cam slot.

2. The memory card connector of claim 1 wherein said metal shell (30) is
2 stamped and formed of sheet metal material, and said spring member comprises a spring arm (84)
stamped out of the one side plate (30b) of the metal shell (30).

3. The memory card connector of claim 1 wherein said cam slot (70) is formed
2 in the bottom face of the card-engaging slider, and the one of the side plates (30b) of the metal
shell (30) has a bottom inwardly turned flange (98) on which the spring member (100) is formed.

4. The memory card connector of claim 3 wherein said metal shell (30) is
2 stamped and formed of sheet metal material, and said spring member comprises a spring arm
(100) stamped from said inwardly turned flange (98) out of the one side plate (30b) of the metal
4 shell (30).